

Inventory and Monitoring Program



The San Francisco Bay Area Network Inventory and Monitoring Program tracks the status and trends of the region's natural resources in order to improve park management through greater reliance on scientific knowledge.

Project Highlights – January 2007

New Science Communication Interns - The Inventory and Monitoring (I&M) program and the Pacific Coast Science and Learning Center (PCSLC) are pleased to welcome Deborah Zierten and Kelly Reeves as the new Science Communication Interns. Deborah earned her MS in Environmental Education from Southern Oregon University. Her thesis focused on educational material about the biodiversity of the National Parks in the Klamath Network. She has also worked locally as the Sudden Oak Death Outreach Assistant at the UC Cooperative Extension in Novato. Kelly completed a MS in Botany from the University of Wyoming. She has worked with the Institute of Ecosystem Studies in Baltimore and also worked as a AAAS Mass Media Fellow with the National Public Radio Science Desk in Washington DC. Deborah will work mainly out of Fort Cronkhite and Kelly will work mainly out of PORE.

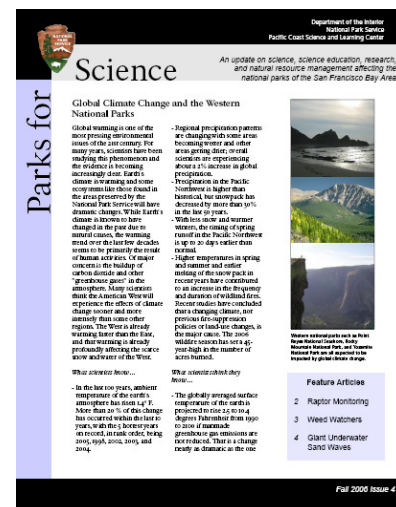
The California Shrimp - Too Good to Eat - (Excerpt from the SFAN Inventory Report): The California freshwater shrimp (*Syncaris pacifica*) is endemic to sixteen coastal streams in Marin, Sonoma, and Napa counties north of San Francisco Bay. It is listed as federally endangered and is the only extant member of the genus. The shrimp are found in low-elevation (<116 meters), low-gradient (<1 percent), perennial freshwater streams where banks are structurally diverse with undercut banks, exposed roots, overhanging woody debris, or overhanging vegetation. Habitat degradation, introduced fish, water pollution, and flood control activities are primary reasons for decreasing populations. NPS personnel conducted surveys at 13 creeks in GOGA and PORE but only found them in one. The final report included recommendations for future surveys and management actions needed to enhance suitable shrimp habitat.

Recent Publications of Interest

Climate Change: In case you have not yet seen it, the NPS just came out with a brochure on climate change. Copies are being sent to the parks and electronic copies are available online:
<http://inside.nps.gov/regions/custommenu.cfm?lv=3&rgn=223&id=4805>

Parks for Science: In addition, the PCSLC also just published its Parks for Science newsletter. This issue also has a cover article on global climate change in the western parks. The newsletter also highlights two Inventory and Monitoring Projects: Weed Watchers and Raptor Monitoring. You can download the newsletter on the I&M Website:
<http://www1.nature.nps.gov/im/units/sfan/reportpubs.cfm>

Executive Briefing: A two-page briefing was just completed on the bird inventory conducted at John Muir National Historical Site. It can be downloaded from the SFAN website:
<http://www1.nature.nps.gov/im/units/sfan/Executive%20Briefings.cfm>



Project Highlights are published monthly and can be downloaded from the SFAN website:
<http://www1.nature.nps.gov/im/units/sfan/index.cfm>.